nonplanar surface of another fluid connector.

26.   A method for independently and simultaneously processing a plurality of samples in a centrifugal device, comprising

adding a plurality of samples to a plurality of processing chambers of a multiple processing chamber set,

centrifuging the plurality of samples,

optionally expressing a plurality of supernatants, comprising a first portion of the samples formed by the centrifugation of the plurality of samples, and

optionally expressing a plurality of pellets comprising a second portion of the samples formed by the centrifugation of the plurality of samples.

27.   The methods of claims 26, further comprising adding one or more processing fluids to the plurality of samples or pellets.

28.   The methods of claim 26, wherein a portion of one or more of the plurality of samples is expressed independently from the remaining samples.

29.   The methods of claim 27, wherein a portion of one or more of the plurality of samples is expressed independently from the remaining samples.

30.   The methods of claim 26, wherein process fluids are added to one or more of the plurality of samples independently from the remaining samples.

31.   The methods of claim 27, wherein process fluids are added to one or more of the plurality of samples independently from the remaining samples.

32.   A method for independently and simultaneously processing a plurality of samples in a centrifugal device, the device comprising a multiple sample processing apparatus for a continuous flow centrifuge, including a plurality of axially aligned processing chambers and expressor chambers, each chamber comprising an axial opening, in a

fixed arrangement, and a plurality of central hubs disposed in the axial openings, the central hubs constructed and arranged to define passages for fluid communication between the chambers and a fluid supply, the method comprising:

adding a plurality of samples to the plurality of processing chambers,

centrifuging the plurality of samples,

optionally expressing a plurality of supernatants, comprising a first portion of the samples formed by the centrifugation of the plurality of samples, and

optionally expressing a plurality of pellets comprising a second portion of the samples formed by the centrifugation of the plurality of samples, wherein

the supernatants and the pellets are expressed by filling the expressor bags with an expressor fluid.

33. The method according to claim 32, wherein said expressor fluid comprises a mixture of two fluids.

34. The method according to claim 32, wherein said expressor fluid comprises air.